

Minutes from CAPS Committee Meeting on May 17, 2010

The state CAPS Committee met on May 17, 2010 at 1:15 pm at the Dean's Conference room, 137 Waters Hall at Kansas State University. In attendance were Erin Stiers-USDA-APHIS, Wendy Beltz-USDA-APHIS, Doug Jardine-KSU Plant Pathology, Megan Kennelly – KSU Plant Pathology, Holly Davis-KSU Insect Diagnostician, Glenn Salsbury-KDA, Sharon Dobesh-GPDN, Jeff Vogel-KDA, Nicole Ricci-KFS and Laurinda Ramonda-CAPS Coordinator.

Introductions were made.

For fiscal year July 1, 2009-June 30, 2010:

- Infrastructure (staying on fiscal year).

For calendar year January 1-December 31, 2010:

- 3rd year and final year - Cereal Crop Nematode Survey with 676 samples in 50 Counties. Counties: Allen, Anderson, Atchison, Bourbon, Brown, Butler, Chase, Cherokee, Cloud, Clay, Coffey, Cowley, Crawford, Dickinson, Douglas, Elk, Franklin, Geary, Greenwood, Harvey, Jackson, Jefferson, Jewell, Johnson, Labette, Leavenworth, Linn, Lyon, Marion, Marshall, McPherson, Miami, Mitchell, Montgomery, Morris, Nemaha, Neosho, Osage, Ottawa, Pottawatomie, Republic, Riley, Saline, Sedgwick, Shawnee, Sumner, Wabaunsee, Washington, Wilson, Woodson. Sampling began in March and will end by the end of May.
- Karnal Bunt - 344 samples will be taken this year. Down from 372 samples in years past because 5 year average acreage has decreased.
- Red Imported Fire Ants – Approximately 30 nurseries will be checked. Counties: Sedgwick, Johnson, Miami, Douglas, Shawnee, Finney, Ford, Riley, Montgomery, Crawford, and Butler. Survey to begin at the end of May or beginning of June.
- Small Grain & Soybean Commodity survey began at the end March and with traps removed at by the end of June.

Targets and trapping:

- Silver Y Moth (*Autographa gamma*), April-June in wheat fields. Delta trap with pheromone (Z)-7-dodecenyl acetate and (Z)-7-dodecenol lure. Traps checked monthly.
- Egyptian Cotton Leafworm (*Spodoptera littoralis*), April-June in wheat fields. Delta trap with synthetic pheromone (Z,E)-(9,11)-tetradecadienyl acetate with a 2 mg pheromone blend lure. Traps checked monthly.

- Old Bollworm (*Helicoverpa armigera*), June-September in wheat fields. Shared delta trap with Egyptian Cotton Leafworm with (Z)-11-hexadecenal and (Z)-9-hexadecenal lure. Traps checked monthly.
- Maritime Gardensnail (*Cernuella virgata*), April-June in wheat fields. Visually inspect for on plants at edge of field when traps are being checked monthly.
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- Cereal Leaf Beetle (*Oulema melanopus*), April-June in wheat fields. Visually inspect for when traps are being checked monthly.
- Insidious Flower Bug & Minute Pirate Bug (*Orius* spp.), Damsel Bug (*Nabis* spp.), Lacewings, and Lady Beetles, April-June in wheat fields. Sweep nets are being done in fields when traps are checked.

One hundred wheat fields are being checked in 13 central counties. Counties: Butler, Dickinson, Ellsworth, Harper, Harvey, Kingman, Marion, McPherson, Reno, Rice, Saline, Sedgwick and Sumner.

- Canada thistle Biological Control – 2nd year using *Ceutorhynchus litura* at Keith Sebelius Lake. Release will occur in August.
- Spotted Knapweed Biological Control – 2nd year using the lesser knapweed flower weevil (*Larinus minutus*) and the knapweed root weevil (*Cyphocleonus achates*). Visual surveys will occur in Jewel, Smith, Phillips Norton, Decatur, Rawlins and Cheyenne Counties starting late June. Releases will be in July and August.
- Emerald Ash Borer- 100 traps KDA, 100 traps USDA. All of KDA's traps are deployed and USDA's are around 75% complete.
- Walnut Twig Beetle and Thousand Cankers Disease of Walnut – (farm bill funding) – Canopy traps have been in place for about a month with weekly checks in Bourbon, Butler, Franklin, Kingman, Lincoln, Miami and Sedgwick counties. The traps are at sites that receive walnut or high use areas for firewood. Visual surveys will be done in July-August.

A draft is in its final stages. Comments are due by May 21 and then a public hearing will be scheduled.

Sharon Dobesh is on the national framework committee for Thousand Cankers Disease.

For calendar year January 1-December 31, 2011:

- Aquatic invasives (federal noxious weeds) – Farm bill proposal will be submitted

- Walnut Twig Beetle: Vector of Thousand Cankers Disease of Walnut – Farm bill proposal will be submitted to continue this for next year.

Farm bill proposals are due by June 18.

- Bundled survey – Discussion took place about doing a bundled survey which would be for certain high risk pests instead of doing a commodity type of survey. Possibly looking at oak pests and corn pests. Pests will be chosen if they have a trap and lure available.

Contact for employing a KSU intern for seasonal employment for our surveys is Stacey Warner in the extension unit at Umberger Hall. We would like to hire this way and pay as a KDA employee instead of using temp agency.

State Specialist Updates:

Jeff Vogel-Program Manager (substitute for Darin Banks-Weed Specialist: In late June to early July release of the flower weevil will occur and in August the release of root weevil will occur in Nemaha county. The top tier of counties will be surveyed from Jewell to the Colorado border for spotted knapweed. Mowing has moved it out 3-4 square miles. The visual survey will occur for approximately 5 weeks.

Canada thistle bio control survey will be done at Keith Sebelius lake in Norton county again this year. This is the 2nd year and more insects will be released in August.

Plans are to monitor and release more insects for a 3rd year for Spotted Knapweed and Canada Thistle.

Plans are to ship tubers to a USDA identifier to grow out the hydrilla from the pond in Olathe to find out what strain it is. This find was in 2008.

Urban ponds are most likely going to be the focus for the farm bill proposal for the aquatic federal noxious weeds. There is a need for this survey because there has not been survey done for this.

Glenn Salsbury-state Entomologist: The first Pine Sawyer emerged on May 16. The same log is still producing beetles this spring that produced beetles last fall – possibly asynchronous emergence is occurring. Jon has maps on our website on the progression of the disease and insect.

Thousand Cankers Disease – Visual survey is best on limbs with smooth bark to look for the small holes. Canopy traps are not the ideal but better than nothing. If a lure is found this summer then we will use Lindgren funnel traps.

Imported Fire Ants – Retrapping will be occurring at the nursery in Coffeyville at the end of May or beginning of June. This will also be used to train the seasonal person.

Gypsy Moth – Nurseries and reservoirs will be trapped.

Forest Health – Surveys for this are Thousand Cankers Disease, canopy trap finds, pine sawyer, and bark beetle flight.

Japanese Beetle – If it is found in nursery stock, it will need to be treated. A crab apple purchased from Oklahoma had grubs. Colorado has a quarantine and the harmonization plan must be followed to ship there. Kansas nurseries to be certified must sign a compliance agreement and soil samples will be taken.

USDA-APHIS-PPQ: A new technician is working with Craig Webb. More *P. ramorum* samples are going to Craig especially from the east. He is now able to do soil and water testing.

KSU Specialists Updates:

Walt Fick: Working on Old World Bluestem and *Sericea Lespedeza*.

Megan Kennelly: Pierce's Disease found in Oklahoma but no problems have been heard about in Kansas' grapes yet. There is a tree health workshop in Nebraska in July.

Doug Jardine: Soybean rust funding has dried up. Nine states are scouting in kudzu and soybeans. The Kansas website will still be active. Once it crosses into Oklahoma, Kansas will be going to a weekly mobile survey. Possible introductions will occur with hurricanes.

Corn Southern Rust – Starting this year to look for. There is no money but Kansas will be monitoring for it in the university corn performance test plots. In July plots will be transected once a week to look for it. There is a new strain of Southern Rust that overcomes resistance. Trying to understand the time frame of its presence.

Funding for a cyst nematode survey in soybeans has been acquired. Random surveys will occur in counties that have at least 5,000 acres of soybeans. County staff will be used, if possible, with one sample per 5,000 acres occurring over a two year period. Approximately 700 samples will be taken with half in 2010 and half in 2011.

This is also a bad year for stripe rust in wheat.

Thanks to all who attended and the information shared.